# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 23 | ("4422459"\|"4458692"\|"4802491"\|"5148812"\|"5265617"\|"5560370"\|"5935082"\|"6453191"\|"6496722"\|"6656126").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 11:14 |
| S2 | 40 | qrs near angle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 13:44 |
| S3 | 485 | depolariz$4 and repolariz$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 11:25 |
| S4 | 6596 | "sudden cardiac death" or "SCD" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/03 11:30 |
| S5 | 2 | S4 and "QRS duration" and "QT duration" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 12:58 |
| S6 | 2 | S4 and "QRS duration" and "T duration" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 11:29 |
| S7 | 160 | S4 and "QRS" and "QT" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 12:50 |
| S8 | 7 | "QRS duration" and "T duration" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 11:30 |
| S9 | 3 | "QRS duration" and "QT duration" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/31 19:09 |

| S10 | 20 | S3 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 11:31 |
|---|---|---|---|---|---|---|
| S11 | 194 | S4 and (orthoganalized or vectorcardiograph or frank) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 14:22 |
| S12 | 484 | "cardiac vulnerability" or "electrical instability" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 12:45 |
| S13 | 43 | S12 and (orthoganalized or vectorcardiograph or frank) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 12:41 |
| S14 | 19 | "heart rate turbulence" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 12:45 |
| S15 | 526 | "first beat" and "second beat" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 12:45 |
| S16 | 38 | S15 and (cardiac or heart) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/12 11:45 |
| S17 | 160 | S4 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 12:50 |
| S18 | 23 | S7 and "time series" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 12:53 |
| S19 | 44 | "ECG" and "vector angle" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/02 12:53 |

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| S20 | 236 | S4 and "median" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/02 12:59 |
| S21 | 13 | S4 and "median beat" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/02 12:59 |
| S22 | 1539 | "R wave" and "T wave" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/02 13:45 |
| S23 | 218 | "R wave" near "T wave" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/02 13:45 |
| S24 | 10 | S4 and vectorcardiograph$ | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/02 14:18 |
| S25 | 10 | "qrs-t angle" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/02 14:44 |
| S26 | 99 | S4 and "time series" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/02 14:22 |
| S27 | 25 | "Frank lead system" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/02 15:20 |
| S28 | 44 | (S4 or S12) and "QRS duration" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/02 15:25 |
| S29 | 21 | (S4 or S12) and ("median beats" or "mean beats") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/02 16:36 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S30 | 3110 | (S4 or S12) and (drug) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/02 15:44 |
| S31 | 2 | ("5560370").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 15:44 |
| S32 | 4511 | (S4 or S12) and (blood pressure) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/02 16:36 |
| S34 | 328 | (607/3).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/07 11:41 |
| S35 | 6606 | "sudden cardiac death" or "SCD" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/07 11:42 |
| S36 | 11 | S34 and S35 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/07 12:03 |
| S37 | 0 | S34 and "second beat" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/07 12:00 |
| S38 | 8 | S34 and "second signal" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/07 12:00 |
| S39 | 0 | S38 and S35 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/07 12:01 |
| S40 | 1 | S38 and "fibrillation" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/07 12:01 |

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|---|---|---|---|---|---|---|
| S41 | 3090 | S35 and "drug" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/07 12:04 |
| S42 | 160 | S35 and "QRS" and "QT" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/07 12:04 |
| S43 | 79 | S42 and "drug" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/07 12:04 |
| S44 | 739 | (600/508).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/04/01 17:44 |
| S45 | 1173 | (600/509).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/04/01 17:44 |
| S46 | 107 | (600/512).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/04/01 17:45 |
| S47 | 1032 | 600/515-519.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/17 12:42 |
| S48 | 188 | (S44 or S45 or S46 or S47) and "sudden cardiac death" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/26 16:05 |
| S49 | 40 | ("4375079" \| "4453226" \| "4463425" \| "4543632" \| "4633400" \| "4661913").PN. OR ("4732157").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/01 17:46 |
| S50 | 12 | S49 and "sudden cardiac death" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 17:49 |

| S51 | 276 | (S44 or S45 or S46 or S47) and "repolarization" and "depolarization" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 17:49 |
|-----|-----|-----|-----|-----|-----|-----|
| S52 | 208 | (S44 or S45 or S46 or S47) and ("repolarization" with "depolarization") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 17:59 |
| S53 | 58 | S52 and "sudden cardiac death" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 17:56 |
| S54 | 35 | "QT interval variability" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 17:53 |
| S55 | 1237 | "QT interval" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 17:54 |
| S56 | 207 | "QRS duration" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 17:53 |
| S57 | 97 | S55 and S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 17:53 |
| S58 | 41 | "QT interval" with "QRS duration" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 18:39 |
| S59 | 7 | S58 and "sudden cardiac death" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 17:57 |

| S60 | 143 | ("3554187"\|"3658055"\|"3759248"\|"38 21948"\|"3902479"\|"3952731"\|"412489 4"\|"4136960"\|"4170992"\|"4181135"\|" 4202340"\|"4316249"\|"4417306"\|"4432 375"\|"4457315"\|"4458691"\|"4475558" \|"4492235"\|"4519395"\|"4583553"\|"45 89420"\|"4603703"\|"4616659"\|"466548 5"\|"4679144"\|"4680708"\|"4732157"\|" 4796638"\|"4802491"\|"4832038"\|"4854 327"\|"4860762"\|"4896677"\|"4924875" \|"4928690"\|"4938228"\|"4951680"\|"49 55382"\|"4958641"\|"4972834"\|"497416 2"\|"4974598"\|"4977899"\|"4979510"\|" 4989610"\|"5020540"\|"5025795"\|"5042 497"\|"5092341"\|"5109862"\|"5117833" \|"5117834"\|"5188116"\|"5201321"\|"52 34404"\|"5253650"\|"5277190"\|"532378 3"\|"5343870"\|"5423878"\|"5437285"\|" 5570696"\|"5819741"\|"5921940"\|"0500 189"\|"6169919").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 17:57 |
| S61 | 1063 | "repolarization" with "depolarization" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 17:59 |
| S62 | 114 | S61 and ((relationship or function or ratio) with depolarization) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 18:00 |
| S63 | 91 | S61 and ((relationship or function or ratio) with repolarization) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 18:00 |
| S64 | 32 | S62 and S63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 18:39 |
| S65 | 21 | xue-joel-q.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 18:40 |
| S66 | 1 | S65 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 18:41 |

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| S67 | 4 | S65 and "QT interval" and "QRS duration" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 18:41 |
| S68 | 0 | rowlandson-ian-g.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 18:41 |
| S69 | 83 | rowlandson.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 18:42 |
| S70 | 3 | S69 and "QT interval" and "QRS duration" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 18:41 |
| S71 | 3 | S69 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 18:41 |
| S72 | 10 | albert-david.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 18:47 |
| S73 | 20 | (("3829766") or ("3909792") or ("4023564") or ("4083366") or ("4125111") or ("4197850") or ("4232682") or ("4237897")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/04/01 18:48 |
| S75 | 30 | ("4300567" | "4307725" | "4458691" | "4458692" | "4492235" | "4537201" | "4552150" | "4705043").PN. OR ("5117834").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/03 10:11 |
| S76 | 10 | ("4228803" | "5228438" | "5330511" | "5476487" | "5507783" | "5514164" | "5560370" | "5772604" | "5782887" | "6029087").PN. OR ("6615083"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/03 11:28 |
| S77 | 611 | QRS with angle | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/03 12:54 |
| S78 | 174417 | T with angle | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/03 11:28 |

| S79 | 360 | S77 and S78 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/03 11:28 |
|-----|-----|-------------|------------------------|----|----|------------------|
| S80 | 6890 | "sudden cardiac death" or "SCD" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/03 11:30 |
| S81 | 2 | S79 and S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/03 12:55 |
| S82 | 13 | ("3884221" \| "4697597" \| "5331966" \| "5437285" \| "5560370" \| "5792065" \| "5803084" \| "5842997" \| "5921940"). PN. OR ("6438409").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/03 11:40 |
| S83 | 4 | S79 and (vulnerability or instability) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/03 12:57 |
| S85 | 27 | S79 and (arrhythmia or fibrillation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/03 12:02 |
| S86 | 27 | S79 and (arrhythmia or fibrillation or tachycardia) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/03 12:55 |
| S87 | 268 | QRS with vector | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/03 12:55 |
| S88 | 31927 | T with vector | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/03 12:55 |
| S89 | 143 | S87 and S88 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/03 12:55 |
| S90 | 55 | S89 and (arrhythmia or fibrillation or tachycardia) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/03 12:55 |

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| S91 | 13 | S89 and S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/03 12:55 |
| S92 | 0 | S79 and "electrical stability" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/03 12:57 |
| S93 | 21 | S79 and "stability" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/03 12:58 |
| S94 | 3 | S79 and "instability" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/03 12:58 |
| S95 | 78 | ("QRS" with angle) same area | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/23 19:11 |
| S96 | 0 | ("QRS-t" with angle) same area | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/23 19:11 |
| S97 | 0 | ("QRS-T" with angle) same area | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/23 19:11 |
| S98 | 10 | "QRS-T" with angle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/23 19:14 |
| S100 | 8 | S98 and area | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/23 19:15 |
| S101 | 27 | "QRS T" with angle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/23 19:15 |

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| S10 2 | 109 | "QRST" with angle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/23 19:14 |
| S10 3 | 14 | ("QRST" with angle) same area | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/23 19:14 |
| S10 4 | 0 | S102 and area and (("128"/$.ccls.) or ("607"/$.ccls.) or ("600"/$.ccls.)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/23 19:16 |
| S10 5 | 2 | ("QRS T" with angle) same area | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/23 19:16 |
| S10 6 | 12 | S101 and area and (("128"/$.ccls.) or ("607"/$.ccls.) or ("600"/$.ccls.)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/23 19:16 |
| S10 7 | 2 | ("4587976").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 10:41 |
| S10 8 | 13 | ("3884221" \| "4085407" \| "4136690").PN. OR ("4587976").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/26 11:00 |
| S10 9 | 4 | ("4136690").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 11:00 |
| S11 0 | 2 | ("6766190").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 12:33 |
| S11 1 | 14 | ("4136690" \| "4478223" \| "4569357" \| "4587976" \| "4947858" \| "5312446" \| "5331966" \| "5458116" \| "6049730" \| "6052615" \| "6115628" \| "6230059" \| "6358214").PN. OR ("6766190"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/26 14:10 |

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| S11 2 | 19 | "vectorcardiogram" and depolarization and repolarization | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/26 14:10 |
| S11 3 | 754 | (600/508).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 16:05 |
| S11 4 | 1207 | (600/509).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 16:05 |
| S11 5 | 109 | (600/512).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 16:05 |
| S11 6 | 1068 | 600/515-519.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:17 |
| S11 7 | 8 | (S113 or S114 or S115 or S116) and "QRS-T angle" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/17 12:42 |
| S11 8 | 8 | (S113 or S114 or S115 or S116) and "QRS T angle" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/26 16:05 |
| S11 9 | 23 | (S113 or S114 or S115 or S116) and (QRS with angle) and (T with angle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/26 16:06 |
| S12 0 | 10 | (600/515-528.ccls.) and (QRS with angle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:09 |
| S12 1 | 10 | (600/515-528.ccls.) and ("QRS" with angle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 17:50 |

| S12 2 | 2 | (600/515-528.ccls.) and ("QRS-T" with angle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 17:50 |
|---|---|---|---|---|---|---|
| S12 3 | 10 | S121 or S122 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 17:51 |
| S12 4 | 32 | ("3548813" \| "3858034" \| "4213465" \| "4570225" \| "4850370" \| "4924875" \| "5038800" \| "5410473" \| "5469857" \| "5520191").PN. OR ("5819741"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/11 17:52 |
| S12 5 | 29 | ("4136690" \| "4478223" \| "4569357" \| "4587976" \| "4727877" \| "4947858" \| "5117824" \| "5312446" \| "5331966" \| "5404877" \| "5425373" \| "5458116" \| "5497780" \| "5556419" \| "5683432" \| "5740811" \| "5776168" \| "5810739" \| "5902324" \| "6052615" \| "6115628" \| "6219579" \| "6230059").PN. OR ("6760615").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/11 17:53 |
| S12 6 | 49 | (600/515-528.ccls.) and (repolarization with depolarization) and (angle or spatial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:02 |
| S12 7 | 4 | (600/515-528.ccls.) and (XYZ with vector) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:05 |
| S12 8 | 0 | ("2005/0234353").URPN. | USPAT | OR | ON | 2006/12/11 18:04 |
| S12 9 | 32 | (600/515-528.ccls.) and (vector with angle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:08 |
| S13 0 | 21 | ("5305202").PN. OR ("5458116"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/11 18:06 |
| S13 1 | 17 | (600/515-528.ccls.) and (vector adj angle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:08 |

| S13 2 | 140 | (600/515-528.ccls.) and ("3D" or "3-D" or "3 D") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:08 |
|---|---|---|---|---|---|---|
| S13 3 | 450 | (600/515-528.ccls.) and (three with (lead or dimensional or dimension)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/12 11:43 |
| S13 4 | 263 | S133 and (QRS or depolarization or repolarization) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:10 |
| S13 5 | 160 | S133 and (angle or spatial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:10 |
| S13 6 | 54 | S132 and (angle or spatial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:10 |
| S13 7 | 170 | S135 or S136 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:12 |
| S13 8 | 86 | S137 and QRS | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:12 |
| S13 9 | 5 | (600/515-519.ccls.) and "vector analysis" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:17 |
| S14 0 | 227 | (600/515-519.ccls.) and vector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:17 |
| S14 1 | 161 | (600/515-519.ccls.) and vector and QRS | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:18 |

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|---|---|---|---|---|---|---|
| S14 2 | 62 | (600/515-519.ccls.) and vector and QRS and (angle or spatial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/11 18:18 |
| S14 3 | 3 | (600/515-528.ccls.) and (spatial with angle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/12 11:45 |
| S14 4 | 834 | (QRS or QRST) with (spatial or angle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/12 11:55 |
| S14 5 | 86 | S144 and (cardiac or heart) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/12 11:56 |
| S14 6 | 75 | (QRS or QRST) adj2 (spatial or angle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/12 11:55 |
| S14 7 | 31 | (QRS or QRST) adj (spatial or angle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/12 11:55 |
| S14 8 | 41 | (spatial or angle) adj (QRS or QRST) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/12 11:55 |
| S14 9 | 62 | (spatial or angle) adj2 (QRS or QRST) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/12 11:55 |
| S15 0 | 115 | S146 or S147 or S148 or S149 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/12 11:55 |
| S15 1 | 37 | S150 and (cardiac or heart) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/12 11:56 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S15 2 | 1178 | 600/515-519.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/17 12:42 |
| S15 3 | 811 | (600/508).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/05/17 12:42 |
| S15 4 | 1383 | (600/509).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/05/17 12:42 |
| S15 5 | 118 | (600/512).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/05/17 12:42 |
| S15 6 | 1178 | 600/515-519.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/17 12:42 |
| S15 7 | 8 | (S153 or S154 or S155 or S156) and "QRS-T angle" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/17 12:42 |
| S15 8 | 410 | (S153 or S154 or S155 or S156) and angle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/17 12:42 |
| S15 9 | 214 | xue-joel$.in. or rowlandson-g$.in. or albert-dav$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/31 19:10 |
| S16 0 | 46 | S159 and (("607"/$.ccls.) or ("600"/$. ccls.) or ("128"/$.ccls.)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/31 19:12 |
| S16 1 | 0 | ("2005/0234353").URPN. | USPAT | OR | ON | 2007/08/31 19:11 |

| S16 2 | 0 | (("607"/$.ccls.) or ("600"/$.ccls.) or ("128"/$.ccls.)) and "QRST-angle" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/31 19:12 |
|---|---|---|---|---|---|---|
| S16 3 | 0 | (("607"/$.ccls.) or ("600"/$.ccls.) or ("128"/$.ccls.)) and ("QRST" adj angle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/31 19:12 |
| S16 4 | 2 | (("607"/$.ccls.) or ("600"/$.ccls.) or ("128"/$.ccls.)) and ("QRS" adj angle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/31 19:12 |
| S16 5 | 27 | ("3548813" \| "3554187" \| "3572321" \| "3861387" \| "3939824").PN. OR ("4136690").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 19:12 |